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## 1968 SHORT TABLE OF SESSIONS

### Wednesday, November 13

A.M.

COMPUTERS IN ANALYTICAL CHEMISTRY, C. G. Orr  
DIFFUSE & INTERNAL REFLECTANCE SPECTROSCOPY,  
W. W. Wendlandt  
TECHNIQUES OF BIOMEDICAL ANALYSIS, M. Levy  
NMR SPECTROSCOPY OF  $C^{13}$ ,  $Li^7$ , AND  $Al^{27}$ , P. C. Lauterbur  
WORKSHOP IN ELECTROANALYTICAL CHEMISTRY,  
G. W. Ewing

P.M.

COMPUTERS IN ANALYTICAL CHEMISTRY, C. G. Orr  
ANALYSIS IN CARCINOGENESIS, W. Troll  
ANALYSIS OF SMALL PARTICLES, W. C. McCrone  
INSTRUMENTAL ANALYSIS OF FLAVORS AND AROMAS,  
W. H. McFadden  
WORKSHOP IN ELECTROANALYTICAL CHEMISTRY,  
G. W. Ewing

### Thursday, November 14

A.M.

IMPROVEMENTS IN SELECTIVITY AND SENSITIVITY OF  
FLAME METHODS, J. D. Winefordner  
REACTION GAS CHROMATOGRAPHY,  
W. J. A. Vandenheuvel  
ANALYTICAL METHODS IN TOXICOLOGY, F. Rieders  
IDENTIFICATION OF REACTION INTERMEDIATES AT  
ELECTRODE SURFACES, R. W. Murray  
APPLICATION OF COMPUTERS TO AUTOMATED  
EMISSION SPECTROSCOPY, J. A. Norris

P.M.

IMPROVEMENTS IN SELECTIVITY AND SENSITIVITY OF  
FLAME METHODS, J. D. Winefordner  
SURFACE STRUCTURE AND COMPOSITION BY LOW  
ENERGY ELECTRON TECHNIQUES, J. Morrison  
IDENTIFICATION OF REACTION INTERMEDIATES AT  
ELECTRODE SURFACES, R. W. Murray  
OPTICAL ROTATORY DISPERSION AND CIRCULAR  
DICHROISM, Y. D. Myer  
ELEMENT SELECTIVE DETECTORS FOR GAS  
CHROMATOGRAPHY, S. S. Brody

### Friday, November 15

A.M.

QUANTITATIVE ANALYSIS OF SOLIDS BY MASS  
SPECTROMETRY, A. J. Ahearn  
LIQUID CHROMATOGRAPHY—AN OVERVIEW, R. A. Keller  
LASER RAMAN SPECTROSCOPY, J. L. Koenig  
NEW METHODS OF POLYMER FRACTIONATION AND  
ANALYSIS, W. Schulz

P.M.

IONIZATION TECHNIQUES IN MASS SPECTROSCOPY,  
R. J. Pancirov  
LIQUID CHROMATOGRAPHY—AN OVERVIEW, R. A. Keller  
ENERGY DISPERSION IN X-RAY ANALYSIS, L. S. Birks  
INFRARED INTERFERENCE SPECTROSCOPY, M. J. D. Low

1968

## EASTERN ANALYTICAL SYMPOSIUM AND INSTRUMENT EXHIBIT

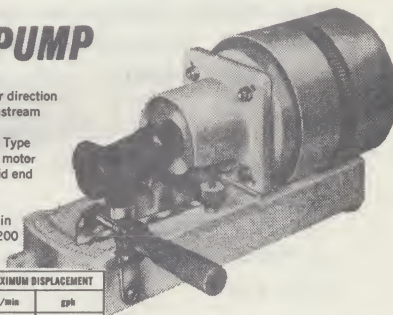
NOVEMBER 13, 14, 15, 1968

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RRP1D	1550	100	425	67.4
RRP2D	1550	50	960	15.21
RRP1G400	400	20	106	1.680
RRP2G400	400	10	240	0.834
RRP1G150	150	30	93	1.474
RRP2G150	150	20	13	0.206
RRP1G50	50	40	31	0.491
RRP2G50	50	30	5.3	0.084
RRP1G20	20	50	12.4	0.196
RRP2G20	20	40	1.6	0.025
RRP1G6	6	75	3.7	0.058
RRP2G6	6	50		

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1968

## **EASTERN ANALYTICAL SYMPOSIUM AND INSTRUMENT EXHIBIT**

NOVEMBER 13, 14, 15, 1968  
Statler Hilton Hotel, New York City

### **REGISTRATION FEES**

Regular \$5.00  
Student \$1.00  
Exhibit Only — Free

### **REGISTRATION HOURS**

Tuesday, Nov. 12, 1:00 P.M. - 9:00 P.M.  
Wednesday, Nov. 13, 8:00 A.M. - 5:00 P.M.  
Thursday, Nov. 14, 8:00 A.M. - 6:00 P.M.  
Friday, Nov. 15, 8:00 A.M. - 12:00 Noon

The meeting will consist of a series of 3-hour Symposia of invited papers of extended length by authorities in a number of fields of interest to instrument analysts, chemists and spectroscopists. Emphasis will be on recent development in these specialties and related subjects.

The 95 Exhibitors will feature the newest in scientific apparatus and supplies.

The final program will be distributed to registrants at the Symposium. For information concerning the EAS, write

**Louis M. Brancone**  
Lederle Laboratories Division  
American Cyanamid Company  
Pearl River, N.Y. 10965

### **SOCIAL MIXER**

There will be a Social Mixer on Thursday evening, Nov. 14, from 6:00 to 9:00 p.m. Admission is by registration badge only.

### **EMPLOYMENT BUREAU**

The Employment Bureau will operate daily during the Symposium. All persons using the Employment Bureau must be registered and in attendance at the Symposium. For advance arrangements, prospective employers and employees should contact:

**Richard J. Knauer**  
Armco Steel Corp.  
Baltimore Works  
P.O. Box 1697  
Baltimore, Maryland 21203

### **WORKSHOP**

The electroanalytical workshop will consist of an approximately one hour basic introductory lecture on the following techniques: coulometry, polarography, the use of potentiostats in electroanalytical chemistry, and selective ion electrodes: A "hands on" demonstration with equipment supplied by exhibitors will follow. The session will be repeated in the afternoon. As the registration will be limited it is suggested that the enclosed application be sent in early. All applications will be acknowledged. No requests will be considered after Nov. 1, 1968.

**Prof. G. W. Ewing**  
Seton Hall University  
South Orange, N.J. 07079

### **INSTRUMENT EXHIBIT**

Exhibit hours are:

Wednesday, November 13, 9:00 A.M. to 6:00 P.M.  
Thursday, November 14, 9:00 A.M. to 6:00 P.M.  
Friday, November 15, 9:00 A.M. to 1:30 P.M.

Persons interested in attending the Exhibit only may register without charge.

### **TECHNICAL FILMS**

Technical films will be shown continuously during the Symposium at two separate locations.

For listing, see final program or contact:

**Richard L. Crawford**  
Texas Instruments, Inc.,  
Attleboro, Mass. 02703

### **HOTEL RESERVATIONS**

The Statler-Hilton Hotel, located at 33rd Street and 7th Avenue, is the official headquarters. Room reservations should be made directly with the hotel or motel of your choice.